

AMENDMENTS TO THE CLAIMS

1. (previously amended) An isolated nucleic acid consisting essentially of (a) a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:2 or 11; and (b) the complement of the nucleotide sequence of (a).

2-10. (cancelled)

11. (withdrawn)

12. (cancelled)

13-19. (withdrawn)

20. (cancelled)

21-29. (withdrawn)

30. (cancelled)

31. (previously added) A vector comprising the isolated nucleic acid of claim

1.

32. (previously amended) An isolated cell containing the nucleic acid of claim 1 or the vector of claim 31.

33. (cancelled)

34. (cancelled)

35. (cancelled)

36. (cancelled)

37. (cancelled)

38. (previously amended) An isolated nucleic acid consisting of (a) a nucleotide sequence which encodes a polypeptide comprising at least one of the amino acid sequences selected from the group consisting of: amino acids 1-23, 24-126, 127-225, 226-316, 317-409, 410-506, 507-603, 604-697, 698-792, 793-887, 888-983, 984-1086, 1087-1185, 1186-1281, 1282-1375, 1376-1471, 1472-1594, 1595-1616, and 1617-1910 of SEQ ID NO:2, or (b) the complement of the nucleotide sequence of (a).

39. (previously added) A vector comprising the isolated nucleic acid of claim 38.

40. (previously amended) An isolated cell containing the nucleic acid of claim 38 or the vector of claim 39.
41. (previously amended) An isolated nucleic acid molecule consisting of (a) the nucleotide sequence set forth in SEQ ID NO:1, SEQ ID NO:7, SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:10, nucleotides 453-6185 of SEQ ID NO:1 or nucleotides 453-5168 of SEQ ID NO:10, or (b) the complement of the nucleotide sequence of (a).
42. (previously added) A vector comprising the isolated nucleic acid of claim 41.
43. (previously amended) An isolated cell containing the nucleic acid of claim 41 or the vector of claim 42.
44. (previously amended) An oligonucleotide consisting of at least 50 nucleotides of (a) a nucleotide sequence that encodes amino acids 1 to 1473 of SEQ ID NO:11; (b) the nucleotide sequence set forth in SEQ ID NO:7 or 8; or (c) the complement of the nucleotide sequence of (a) or (b).
45. (previously added) The oligonucleotide of claim 44 wherein the oligonucleotide sequence consists essentially of SEQ ID NO:5 or SEQ ID NO:6.
46. (previously added) A kit for detecting the presence of a nucleic acid in a sample comprising in a package at least one oligonucleotide of claims 44 or 45.
47. (canceled)
48. (previously amended) The isolated nucleic acid of claim 1, which is RNA.
49. (cancelled)